



Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

PTO/SB/08a (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3 Attorney Docket Number 24286/81401

Complete if Known

Application Number	10/645,503
Filing Date	08/22/2003
First Named Inventor	Hye Jeong Jeon
Art Unit	2176
Examiner Name	Gregory J. Vaughn

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		us- 2002/0143976 A1	10-03-2002	Barker et al.	
		us- 2002/0152244 A1	10-17-2002	Dean et al.	
		us- 2003/0009472 A1	01-09-2003	Azami et al.	
		us- 2003/0196165 A1	10-16-2003	Jung	
		us- 2003/0197733 A1	10-23-2003	Beauchamp et al.	
		us- 2004/0015369 A1	01-22-2004	Kim et al.	
		us- 2005/0193408 A1	09-01-2005	Sull et al.	
		us- 2005/0193425 A1	09-01-2005	Sull et al.	
		us- 4,847,902	07-11-1989	Hampson	
		us- 5,499,365	03-12-1996	Anderson et al.	
		us- 5,862,325	01-19-1999	Reed et al.	
		us- 6,088,717	07-11-2000	Reed et al.	
		us- 6,330,569	12-11-2001	Baisley et al.	
		us- 6,675,353 B1	01-06-2004	Friedman	
		us- 6,904,454 B2	06-07-2005	Stickler	
		us- 6,912,529 B1	06-28-2005	Kolfman	
		us- 7,085,755 B2	08-01-2006	Bluhm et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				
		JP 2001186497 (Abstract)	07-06-2001	Sakai Masato		
		JP 2001337833 (Abstract)	12-07-2001	Gunji Nobuhiro		
		EP 0384184 A2	08-29-1990	Hesse, Eric Michael		
		WO 01/55900 A1	08-02-2001	Huang, Evan		
		WO 01/95155 A2	12-13-2001	Ozzie, Raymond et al.		

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of

3

Attorney Docket Number

24286/81401

Complete if Known

Application Number

10/645.503

Filing Date

08/22/2003

First Named Inventor

Hye Jeong Jeon

Art Unit

2176

Examiner Name

Gregory J. Vaughn

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				
		WO 02/27520 A1	04-04-2002	Romero, Richard D. et al.		
		WO 02/063494 A2	08-15-2002	Amielh-Capri-Oglio, Myriam et al.		
		WO 02/073393 A1	09-19-2002	Barker, Reed A. et al.		
		WO 2004/045209 A1	05-27-2004	Jeong, Hye-Jeong et al.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. If you have comments concerning the accuracy of any statistical information collected in this form, please write to the Director, Bureau of the Budget, U.S. Government, Washington, D.C. 20585.

Information Owner, U.S. Patent
and Trademark Office
MAILED BY FORMS WORKFLOW
www.FormsWorkflow.com

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO				Complete if Known	
				Application Number	10/645,503
				Filing Date	08/22/2003
				First Named Inventor	Hye Jeong Jeon
				Art Unit	2176
				Examiner Name	Gregory J. Vaughn
Sheet	3	of	3	Attorney Docket Number	24286/81401

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		Chinese Office Action for Chinese Application No. 03819565.8(PCT/KR2003/001705), dated Juned 22, 2007, 22 pages.		
		Korean Office Action for Korean Application No. 10-2003-0025093, dated January 20, 2006, 2 pages.		
		European Search Report for Application No. EP 03811141, dated October 10, 2005, 4 pages.		
		Hicks et al., "A Hypermedia Version Control Framework," ACM Transactions on Information Systems, Vol. 16, No. 2, April 1998, pages 127-160.		
		Ramaswamy et al., "Automatic Detection of Fragments in Dynamically Generated Web Pages," ACM, 2004, pages 443-454.		
		Chien et al., "Efficient Schemes for Managing Multiversion XML Documents," December 19, 2002, Spring-Velag, pages 332-353.		
		Chien et al., "XML Document Versioning," September 2001, SIGMOD Record, Vol. 30, No. 3, pages 46-53.		
		Wong et al., "Managing and Querying Multi-Version XML Data with Update Logging," ACM, 2002, pages 76-77.		

Examiner Signature		Date Considered
--------------------	--	-----------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.